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Trans. of [Kolloidnvi Zhurnal (USSR) 1949, v. 11,
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DESCRIPTORS: *Porous materials, Ceramic
materials, Cellulose nitrates, *Diaphragms
(Mechanics), *Electroosmosis, Surface properties,
Density.

As result of the measurement of the surface conductance on collodion (r from 4 to 50 m μ) and ceramic diaphragms in solutions of 1, 2, 5, 10 m-mol./l KCl it is shown that the ratio of the solution conductance in the pores of the diaphragm to the conductance of the surrounding solution can attain very high values ($\alpha < 7$) (Chemistry--Physical, TT, v. 11, no. 4) (over)

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- III. Title: Surface ...

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ONDERZOEK NAAR DE BETEKENIS VAN INTERMO-
LECULAIRE KRACHTEN BIJ HET MECHANISME VAN
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Order from OTS or ETC \$1.85 61-17028

Trans. of Kolloidnyi Zhurnal (USSR) 1949, v. 11,
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DESCRIPTORS: *Elasticity, *Deformation, *Molecu-
lar Structure.

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p. 395-409.

DESCRIPTORS: *Porous materials, *Diaphragms
(Mechanics), *Colloids, Ceramic materials, *Ionic,
*Transport properties, Kinetic theory, *Electrical
double layer, Electrical conductance, Surface prop-
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The relation between transfer numbers and surface
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NCC Ref: 5196 (1448)

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Agency: ABC/NY
P.O. #70-2200

R-10982-8
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Title: Formation of supersaturated steam
and aerosol for a mixture of gases
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Author: A.C.Amelin

Source: KOLLOID ZHUR

Language: Russian

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<p>NASA TT F-60 <i>Russian</i>. National Aeronautics and Space Administration. COMMUNICATION CONCERNING SCIENTIFIC WORKS IN THE FIELD OF GEOMAGNETISM AND AERONOMY DURING 1957-1959. March 1961. 81p. GPO price, \$2.25. (NASA TECHNICAL TRANSLATION F-60. Translation of report compiled by the Geomagnetism and Aeronomy Section of the Committee on Geodesy and Geophysics of the USSR Academy of Sciences.)</p> <p>Presented is a survey of the basic researches in the fields of geomagnetism, geoelectricity, and aeronomy which were carried out in geophysical institutions of the USSR during 1957-1959. Detailed bibliographies are included with all topics covered.</p> <p>RUS. <i>Geod. i Geofizika</i></p> <p>Copies obtainable from NASA, Washington</p>	<p>I. NASA TT F-60 II. Akademiia Nauk SSSR (Initial NASA distribution: 16, Cosmochemistry; 21, Geophysics and geodesy.)</p> <p><i>143-365</i></p> <p>NASA TT F-60</p> <p>NASA</p>
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